

ABSTRACT OF THE DISCLOSURE

The present invention discloses a method for the enzyme-mediated, site-specific, in-vivo precipitation of a water soluble molecule in an animal. The enzyme is either unique to tumor cells, or is produced within a specific site (e.g., tumor) at concentrations that are higher than that in normal tissues. Alternatively, the enzyme is conjugated to a targeting moiety such as an antibody or a receptor-binding molecule.

1. A method for the enzyme-mediated, site-specific, in-vivo precipitation of a water soluble molecule in an animal, comprising the steps of: (a) identifying a specific site in an animal; (b) administering to the animal an enzyme which is either unique to tumor cells, or is produced within a specific site (e.g., tumor) at concentrations that are higher than that in normal tissues; (c) administering to the animal a water soluble molecule; and (d) allowing the enzyme to mediate the precipitation of the water soluble molecule in the specific site.